

L Number	Hits	Search Text	DB	Time stamp
1	6078	(riser or feeder) same mold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 10:25
2	1441	((riser or feeder) same mold) and molten adj metal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 10:26
3	1296	((((riser or feeder) same mold) and molten adj metal) and casting	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 10:26
4	332	((((riser or feeder) same mold) and molten adj metal) and casting) and (insulating or insulator insulate or insulated)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 10:27
5	397	((((riser or feeder) same mold) and molten adj metal) and casting) and (insulating or insulator insulate or insulated or conductivity)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 12:07
6	30	((((riser or feeder) same mold) and molten adj metal) and ((coat or coated or coating) near10 (insulate or insulating or insulated))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 13:01
7	3	("3314116").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 13:07
8	3	("3498960").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 13:09
9	3	("3498360").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 13:49
10	50783	164/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 13:50

11	550	164/\$.ccls. and ((directional adj solidification) or (directionally near5 (sodifidify or solidifying or solidified)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 13:57
12	43	(164/\$.ccls. and ((directional adj solidification) or (directionally near5 (sodifidify or solidifying or solidified)))) and ((narrow or thin) near10 (heat or heating or heated or insulate or insulating or insulated))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 16:38
13	17	((riser or feeder) same mold) and molten adj metal) and ((sand adj mold) same (vent or venting))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 16:39

Drafts

- Pending
- Active
 - L1: (6078) riser or feeder same mold
 - L2: (1441) 1 and molten adj metal
 - L3: (1296) 2 and casting
 - L4: (332) 3 and (insulating or insulator insulate or insulated)
 - L5: (397) 3 and (insulating or insulator insulate or insulated or conductivity)
 - L6: (30) 2 and ((coat or coated or coating) near10 (insulate or insulating or insulated))
 - L7: (3) ("3314116").PN.
 - L8: (3) ("3498960").PN.
 - L9: (3) ("3498360").PN.
 - L10: (80783) 164/\$.ccls.
 - L11: (850) 10 and ((directional adj solidification) or (directionally near5 (solidify or solid...))
 - L12: (43) 11 and ((narrow or thin) near10 (heat or heating or heated or insulate or insulating o...))
 - L13: (17) 2 and ((sand adj mold) same (vent or venting))**
- Failed
 - (0) (164/\$.ccls.).CCLS.
 - (0) 10 and ((directional adj solidification) or (directionally near5) (solidify or solidifying...))
 - (0) 10 and ((directional adj solidification) or (directionally near5) (solidify or solidifying...))
 - (0) 10 and ((directional adj solidification) or (directionally near5) (solidify or solidifying...))
- Saved
- Favorites
- Tagged (3)
- UDC
- Queue
- Trash

Details

USPAT.US.FG.NB.EPO.IPO.DEP.Duals

Default operator: ON ☒ Highlighted all hit items only

2 and ((sand adj mold) same (vent or venting))

	U	D	Document ID	Issue Date	Pages	Title	Current QR	Current XRs	Retrieval C	Inventor	S	C	P	T	A
1			US 20020165581 A	20021114	43	Automotive and aerospace materials in a continuous process	164/130	164/323		Herron, David J.	R	F	F	F	F
2			US 6637497 B2	20031028	37	Automotive and aerospace materials in a continuous process	164/130	141/113; 164/133		Herron, David J.	R	F	F	F	F
3			US 5620044 A	19970415	7	Gravity precision sand casting of aluminum and equivalent material	164/134	164/358		Grenkowitz, Robert W. et al.	R	F	F	F	F
4			US 5205340 A	19930427	15	Insulated paper sleeve for coating metal articles in sand	164/412	139/129; 139/130		Brown, Robert G. et al.	R	F	F	F	F
5			US 4981166 A	19910101	16	Foundry paper riser and system therefor	164/5	164/137; 164/359		Brown, Robert G. et al.	R	F	F	F	F
6			US 4557028 A	19861210	9	Composite inflatable crown roll	492/1	492/2; 492/4		Eibe, Werner W.	R	F	F	F	F
7			US 4454952 A	19821010	9	Foundry apparatus	454/17.1	454/18.1		Khanderao, Jay Y. et al.	R	F	F	F	F